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## FIG.1A

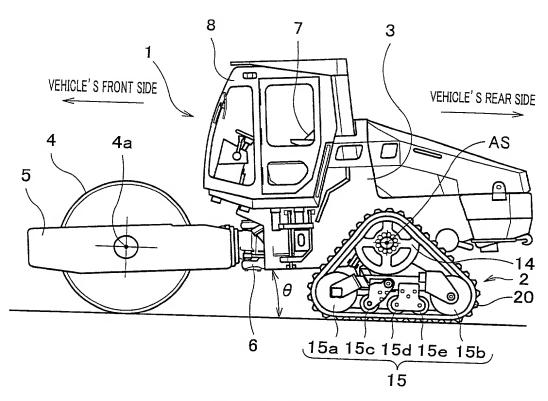
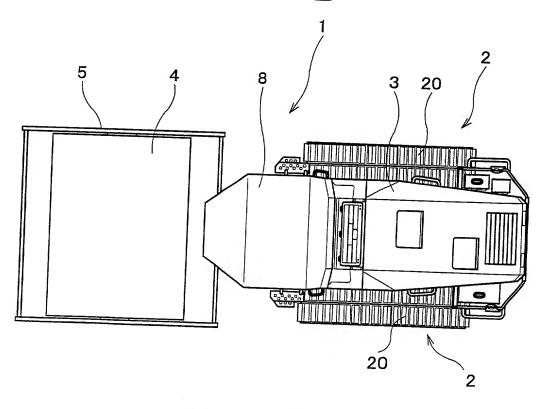
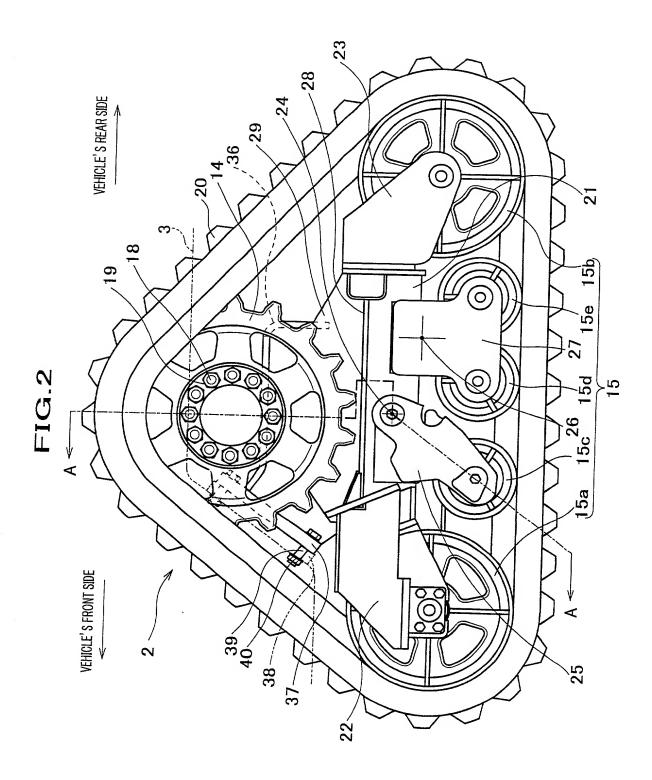


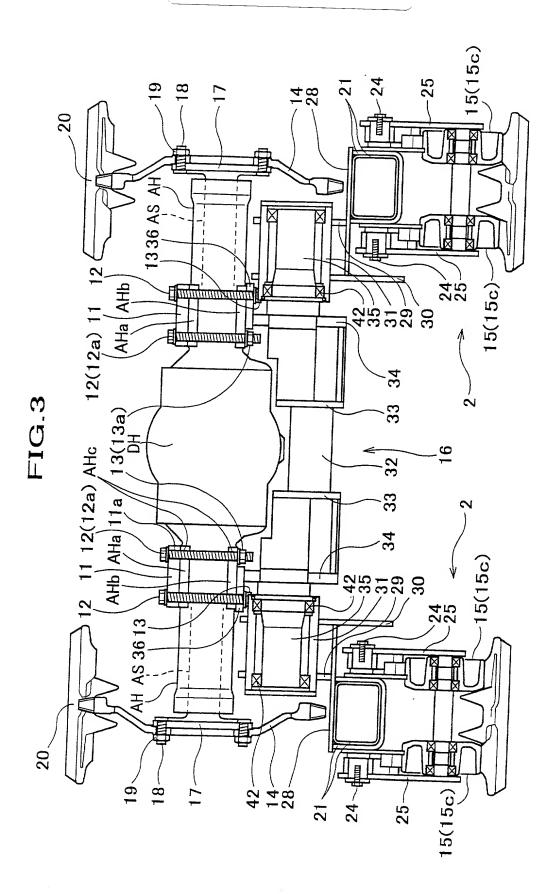
FIG.1B

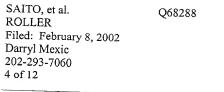


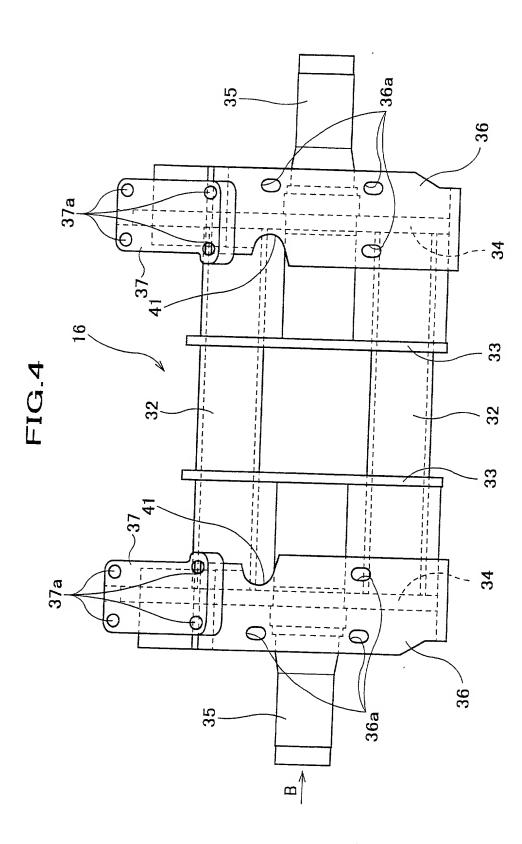
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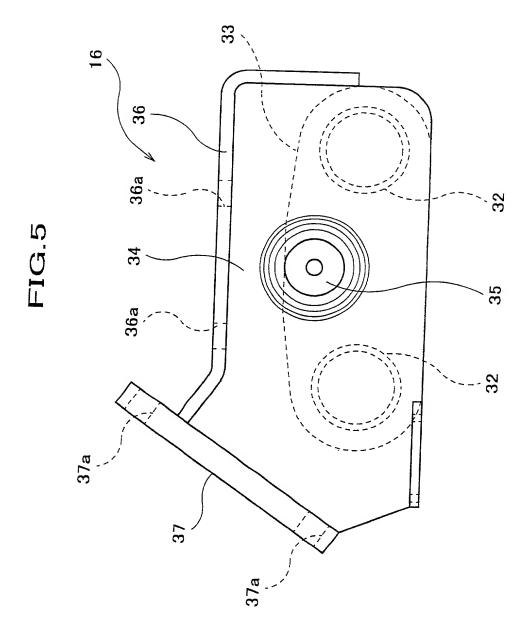
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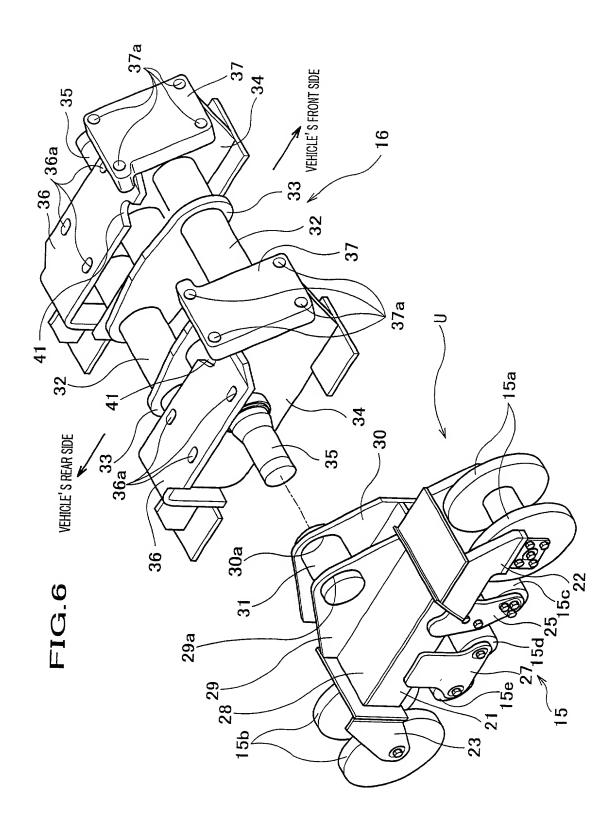




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FIG.7

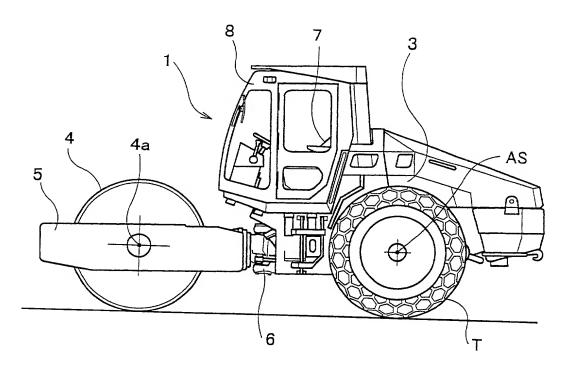
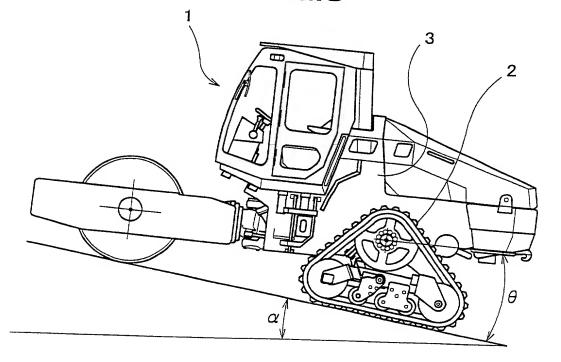


FIG.8



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FIG.9A FIG.9B

112

114A

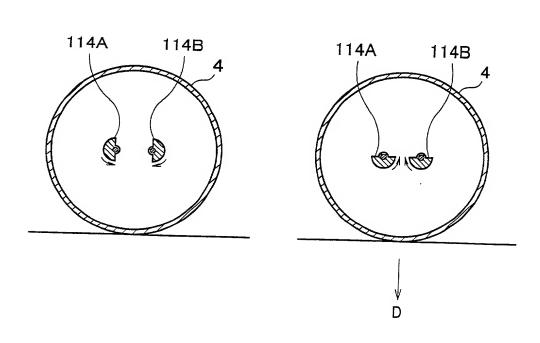
114B

113A

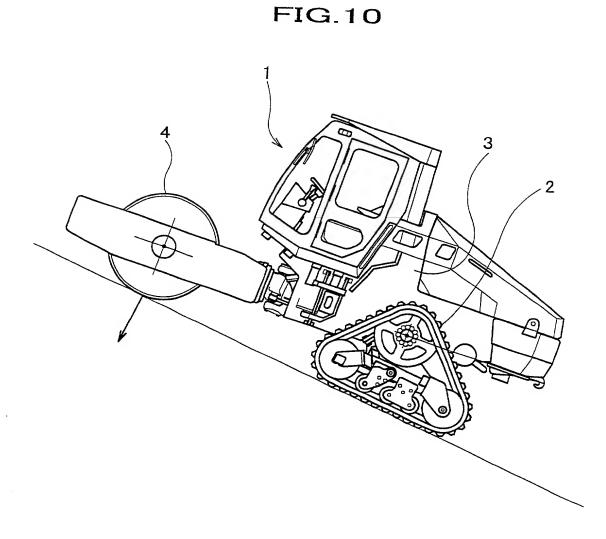
113B

FIG.9C

FIG.9D



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## FIG.11A

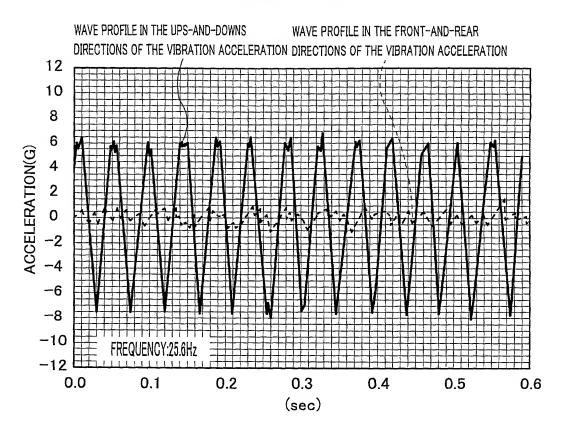
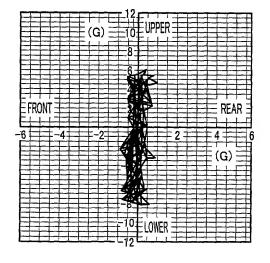


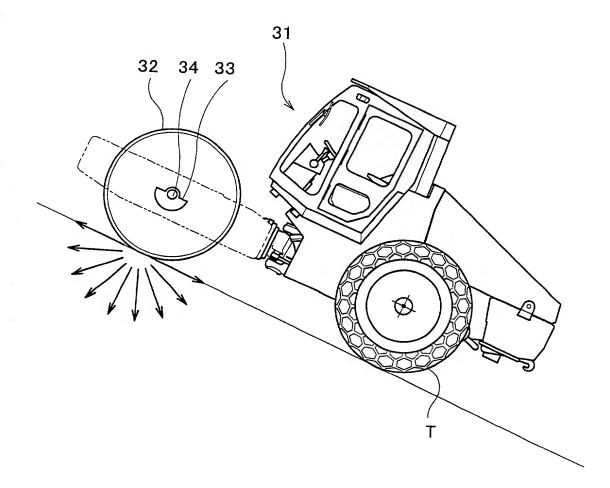
FIG.11B



WAVE COMPOSITE OF THE ACCLERATION OF THE ROLL(FOR 0.6 SEC)

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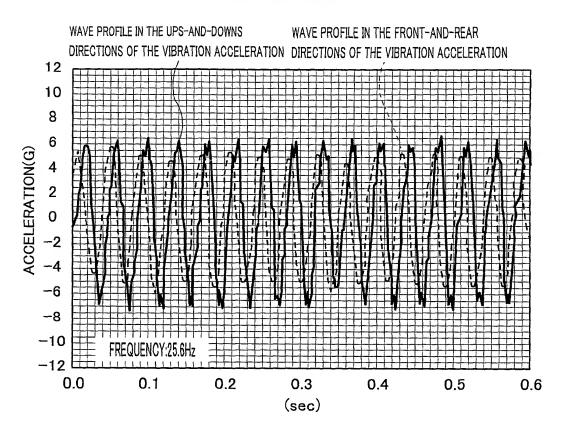




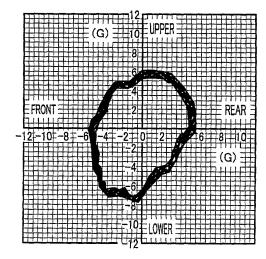
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## FIG.13A PRIOR ART



## FIG.13B PRIOR ART



WAVE COMPOSITE OF THE ACCLERATION OF THE ROLL(FOR 0.6 SEC)